



# HP Pavilion dv5000 Power Supply Port Replacement

Teaches how to access and replace the power supply port. (The part the A/C power adapter plugs into)

Written By: Thomas Leman






## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Magnetic Project Mat](#) (1)
-

## Step 1 — Battery



 Turn off down the computer, and unplug the computer from all external power sources.

- Shut the screen, and lay the computer face-down on a flat, sturdy surface. Orient the computer to match the image.
- Locate the battery release switch, as indicated in the image. Sliding this switch from right to left will release the battery.
- Remove the battery.

## Step 2 — RAM Cover



- Remove the two 5.0mm screws securing the right side of the RAM cover to the computer frame.
- Lift the right side of the RAM cover to remove.



## Step 3 — Wifi Card



- The wifi card is connected to the computer with the two antenna lead wires.
- ⓘ Note where the white AUX wire and the black MAIN wire connect to the wifi card before disconnecting.

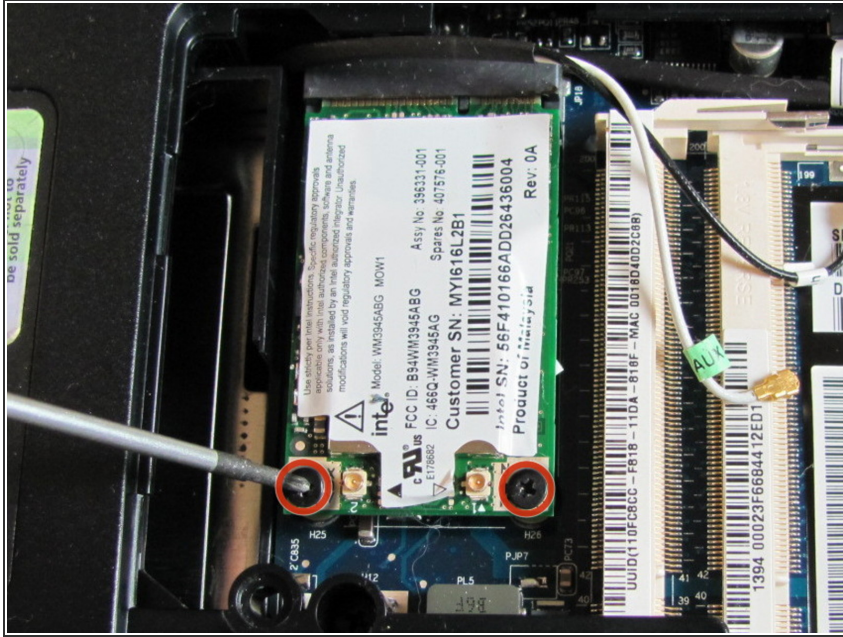
## Step 4



- Disconnect the antenna leads from the wifi card by lifting the gold ends of the wires off the prongs on the wifi card.
- The white wire connects to the AUX terminal.
- The black wire connects to the MAIN terminal.

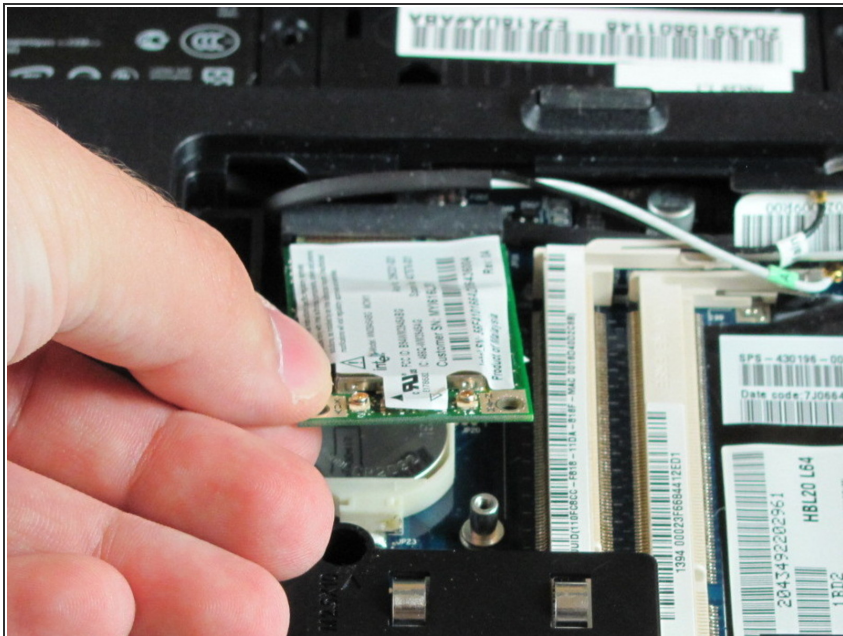


## Step 5



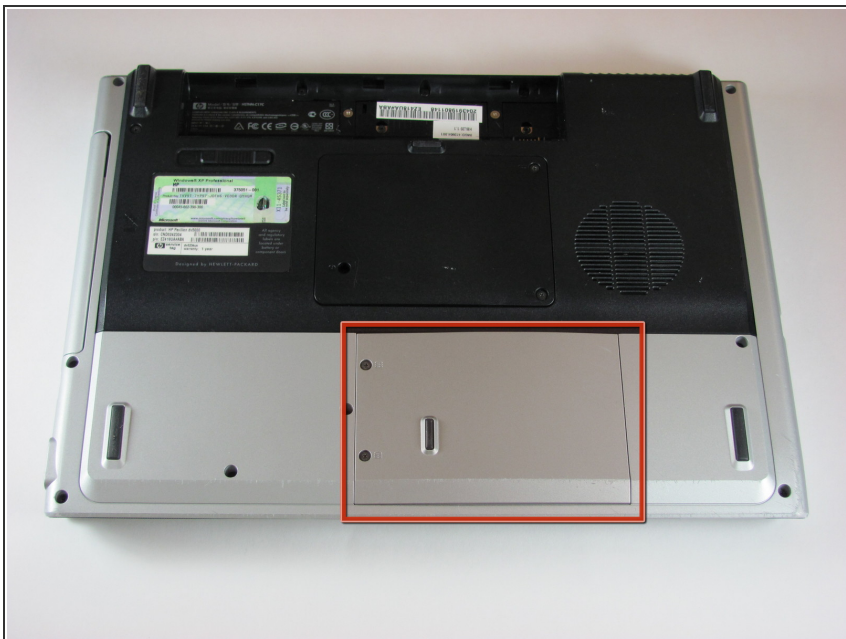
- Remove the two 6.0mm screws securing the wifi card to the computer.

## Step 6



- Remove the wifi card.

## Step 7 — Hard Drive



- Locate the hard drive cover. Note that in this image, the RAM cover is still in place.

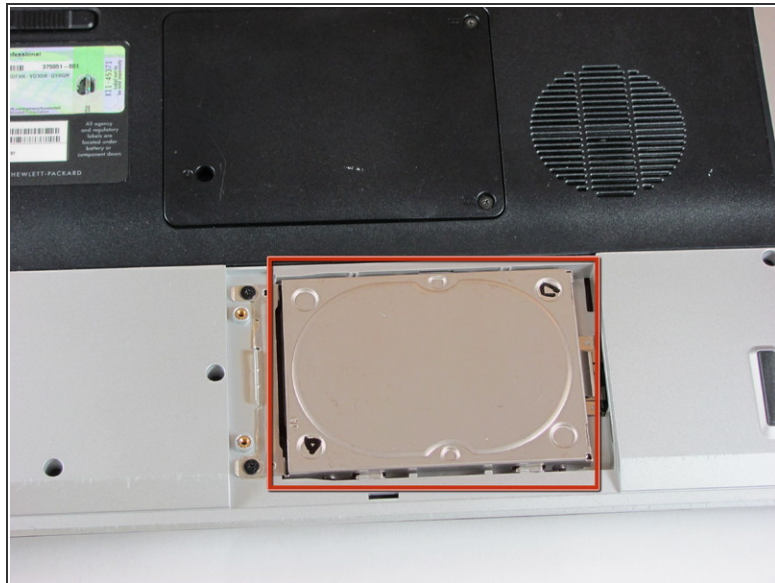
## Step 8



- Remove the two screws securing the hard drive cover.



## Step 9



- Remove the hard drive cover.

**i** The hard drive is now accessible.

## Step 10



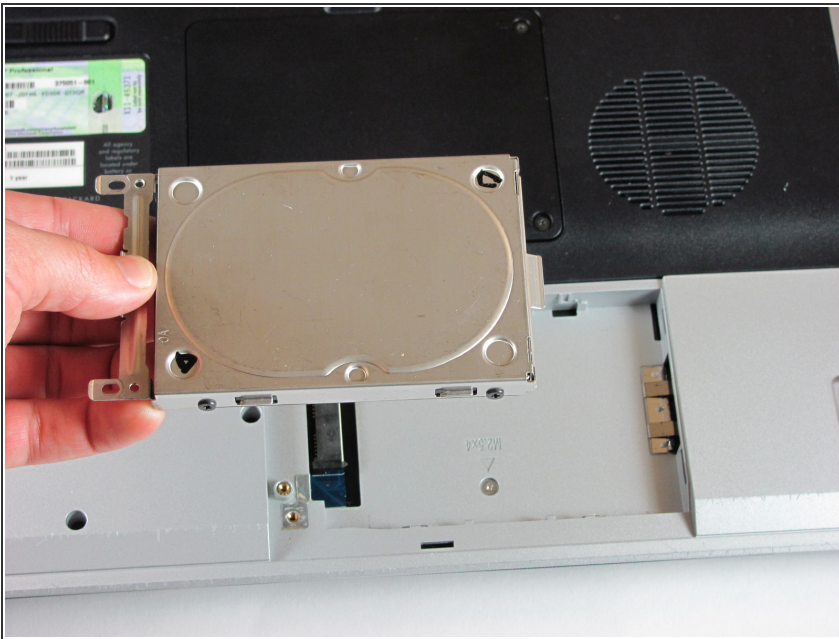
- Remove the two 5.0mm screws securing the hard drive bracket.

## Step 11



- Slide the hard drive to the right until the edge of the hard drive is flush with the computer frame.
- Lift the hard drive out of the hard drive bay, left side first.

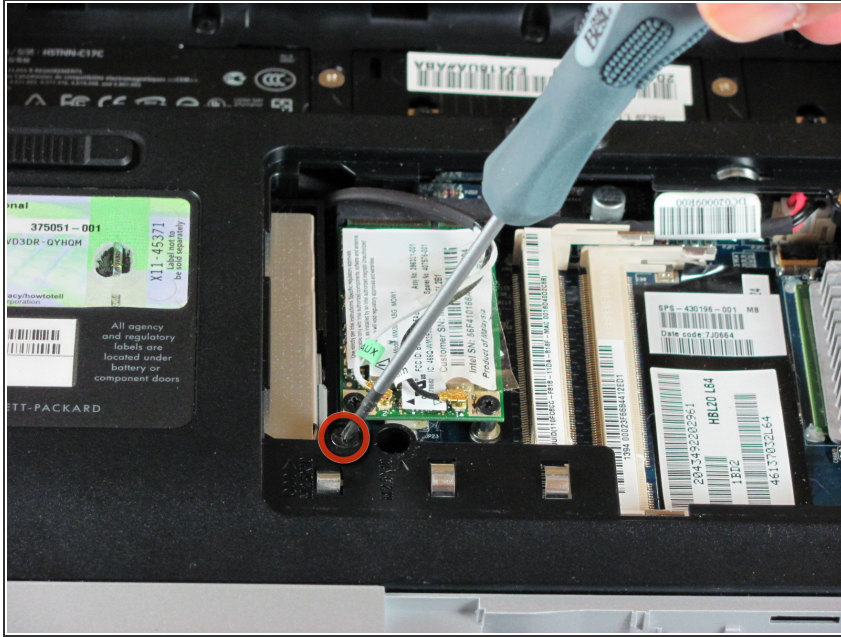
## Step 12



- Remove the hard drive.
- ❗ If you are replacing the hard drive, remove the four additional screws (two on each side) securing the metal shield to the hard drive. Then, remove the shield from the drive.

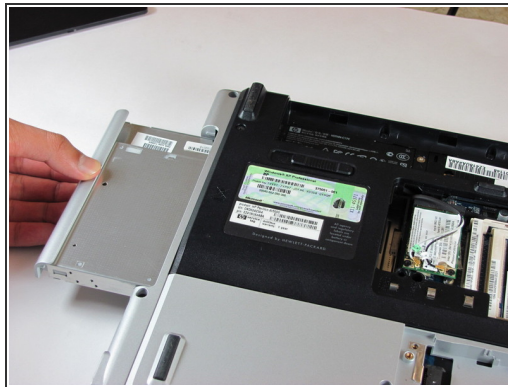


## Step 13 — Optical Drive



- Remove the 11.0mm screw securing the optical drive to the computer.

## Step 14



- Locate the optical drive. The optical drive is located on the left side of the RAM bay.
- Press the exposed edge of the optical drive gently with the spudger until the drive releases from the computer frame.
- Pull the optical drive completely out of the computer frame.

## Step 15 — Keyboard



- Remove the two 11.0mm screws at the corners on either side of the battery compartment.
- Remove the three 6.0mm screws.
- Remove the two 5.0mm screws.
- Remove the 6.0mm screw in the middle of the battery compartment.

## Step 16



- Turn the computer over and open the screen. This provides access to the screen hinges.
- The keyboard switch cover is attached to the computer with a series of snaps. With a flathead screwdriver, pry up the switch cover until it pops free.



## Step 17



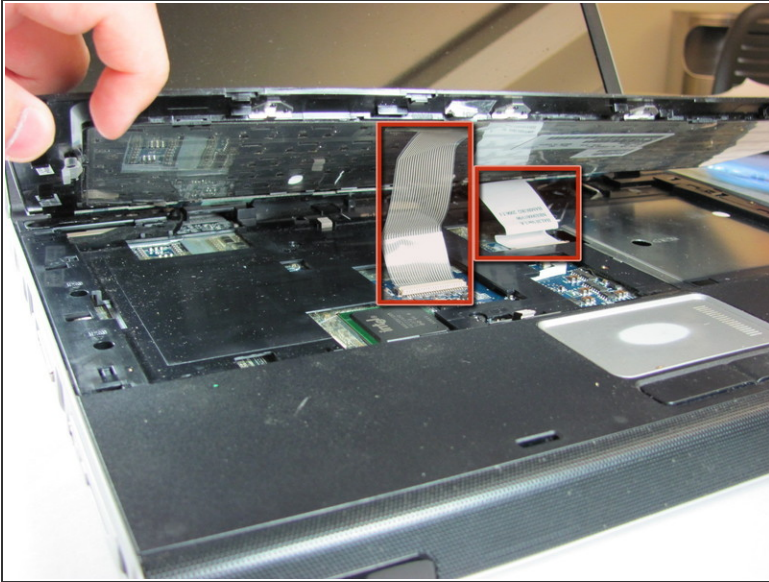
- Be careful not to bend the keyboard switch cover too far when removing it.

## Step 18



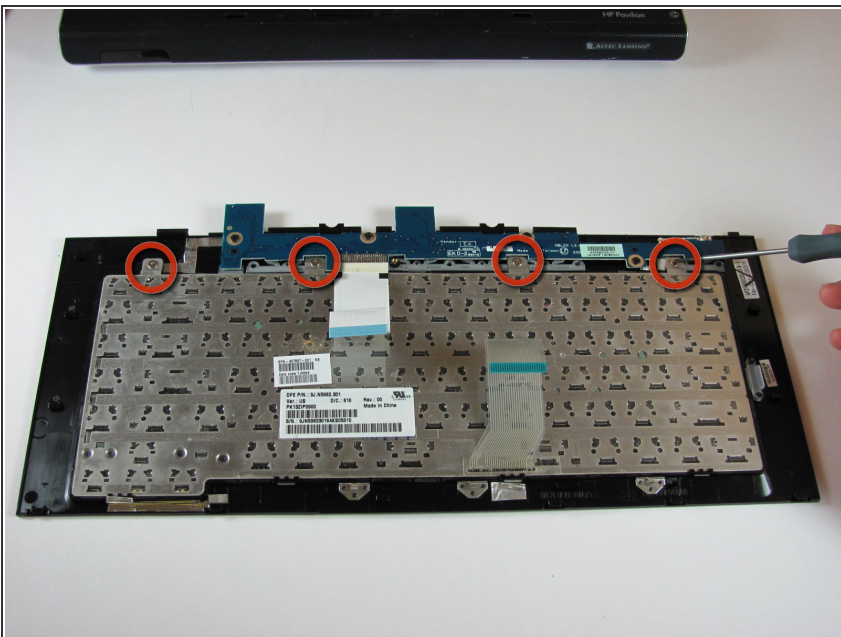
- Next, remove the keyboard. Push on the keyboard frame above the function keys and slide the keyboard toward the screen.

## Step 19



- Carefully lift the trackpad-side edge of the keyboard to reveal the LED and keyboard cable connectors.
- Detach the cable connectors from the computer by gripping each cable connector close to the computer contact point and pulling up gently.

## Step 20

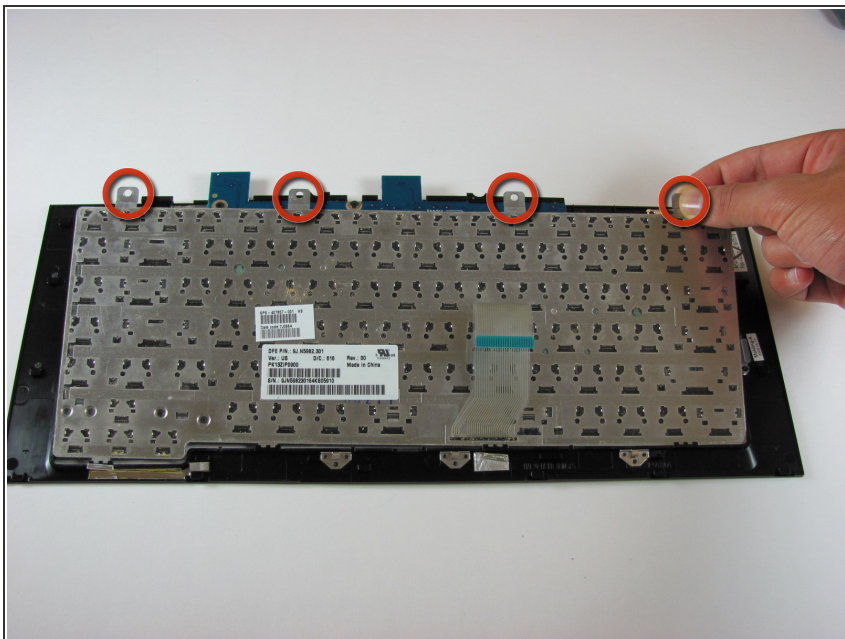


**i** This step is for replacing the keyboard only. If you are not replacing the keyboard, skip this step.

- Lay the keyboard face down.
- Remove the four 3.00mm screws that attach the keyboard to the keyboard frame.



## Step 21



**i** This step is for replacing the keyboard only. If you are not replacing the keyboard, skip this step.

- Lift the keyboard off the keyboard frame.

## Step 22 — Trackpad



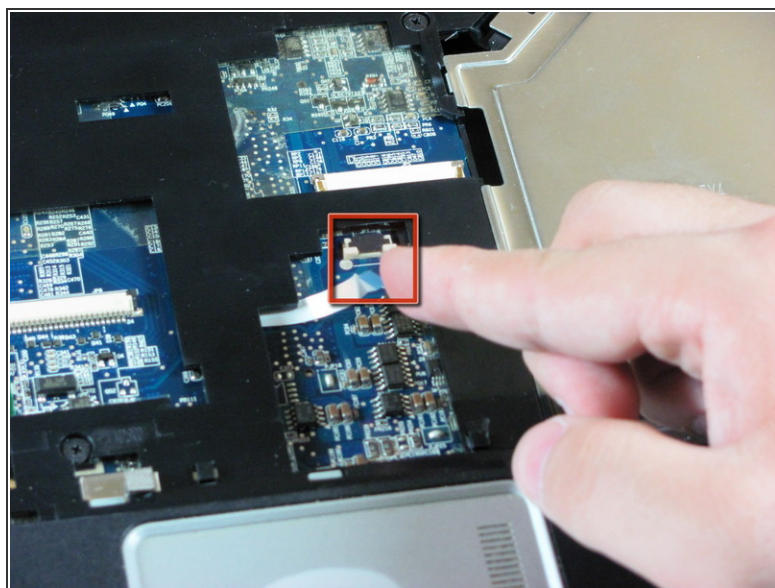
- Remove the two 3.0mm screws on the side of the laptop shown.
- Remove the one 5.0mm screw in the hard drive compartment.

## Step 23



- Remove the eight 10mm screws securing the top cover to the laptop.

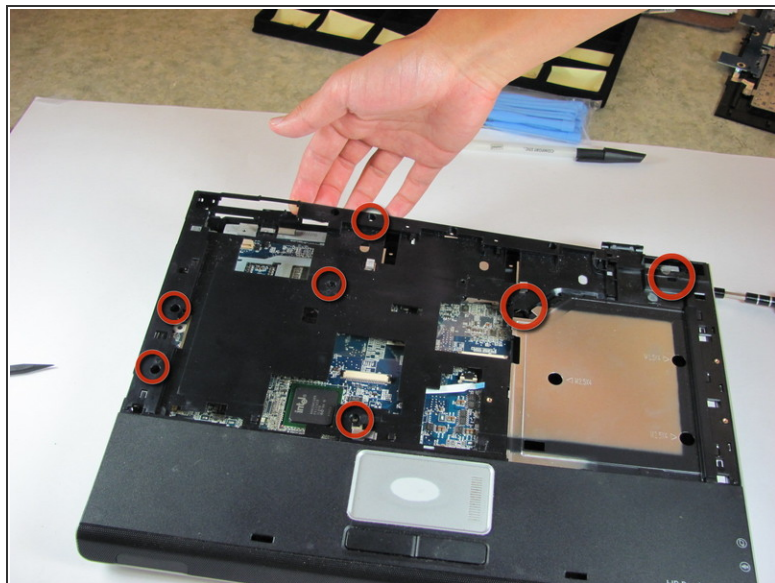
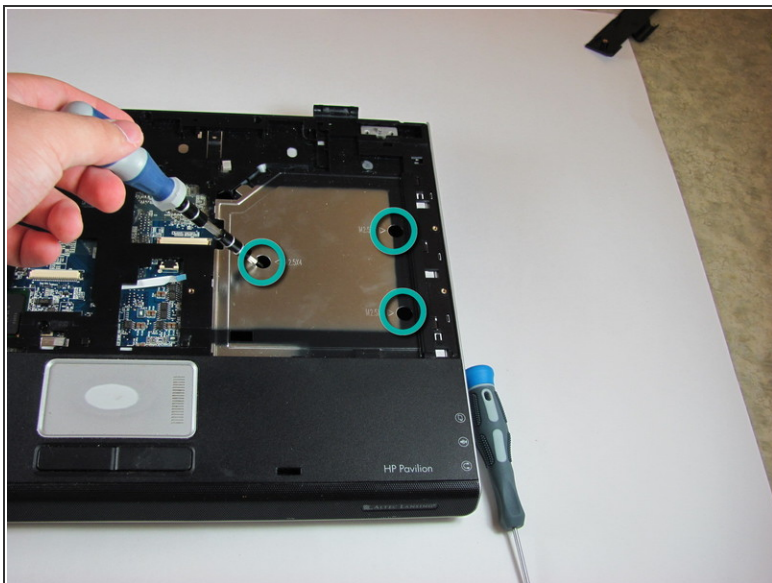
## Step 24



- Flip the computer over and disconnect the Touchpad Cable.



## Step 25



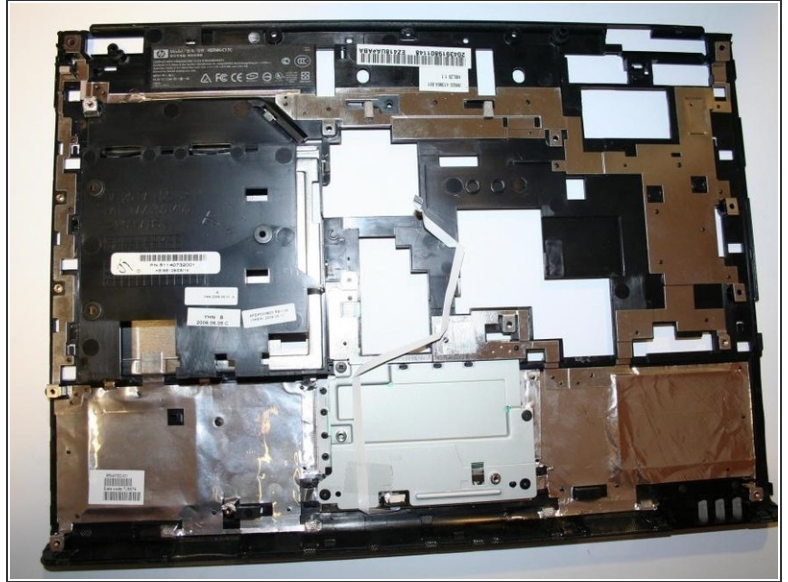
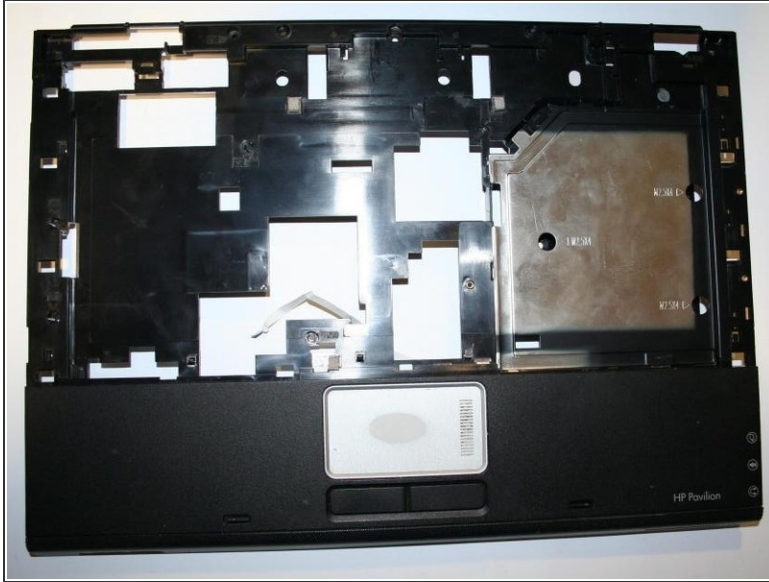
- Remove the silver 5.0mm screws Located in the silver area of the top cover
- Remove the seven 10.0mm screws located on the top cover.

## Step 26



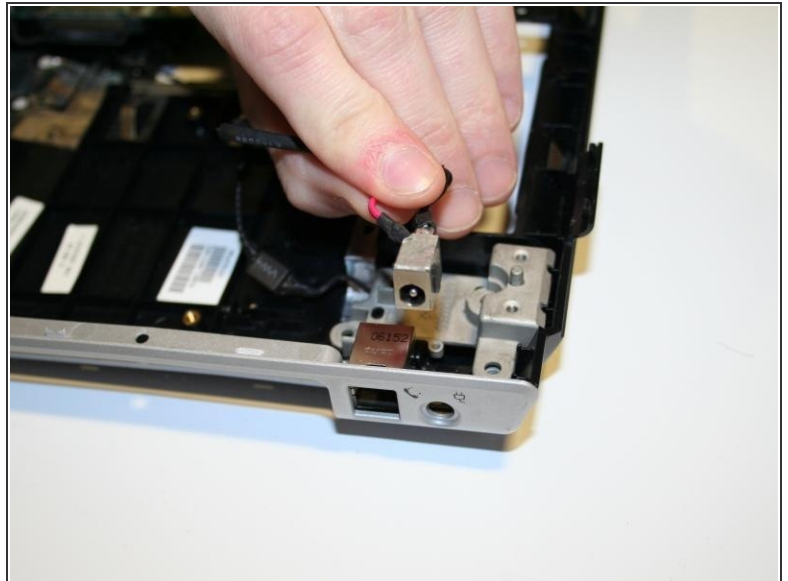
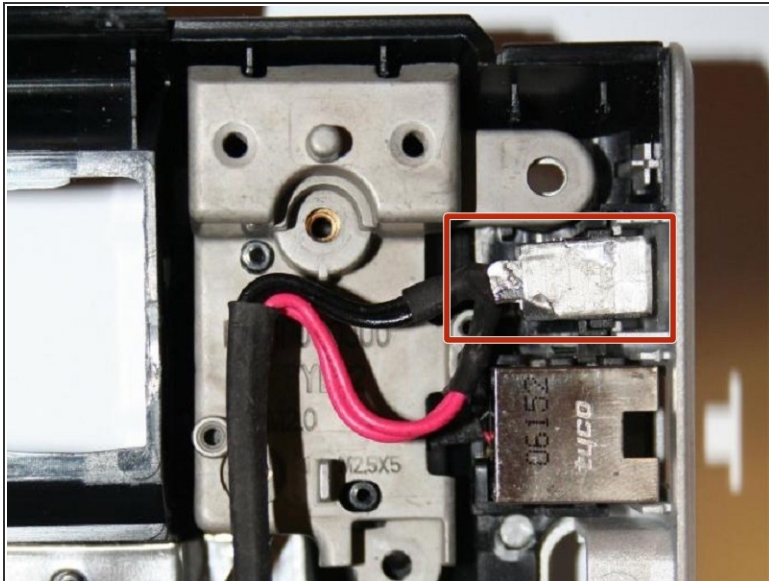
- Lift off the top cover and remove it. Lift off from the back.

## Step 27



- Congratulations! You're ready to install the new assembly and reassemble your laptop!

## Step 28 — Power Supply Port



- Locate the Power Supply Port
- Lift the port up to remove it from its seated position

To reassemble your device, follow these instructions in reverse order.



